

Recombinant Human CGB5 Protein, GST-Tagged

Cat. No. CGB5-1187H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human CGB5 full-length ORF (AAH06290, 1 a.a. - 165 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	Wheat Germ
Description	This gene is a member of the glycoprotein hormone beta chain family and encodes the beta 5 subunit of chorionic gonadotropin (CG). Glycoprotein hormones are heterodimers consisting of a common alpha subunit and an unique beta subunit which confers biological specificity. CG is produced by the trophoblastic cells of the placenta and stimulates the ovaries to synthesize the steroids that are essential for the maintenance of pregnancy. The beta subunit of CG is encoded by 6 genes which are arranged in tandem and inverted pairs on chromosome 19q13.3 and contiguous with the luteinizing hormone beta subunit gene. [provided by RefSeq, Jul 2008]
Molecular Mass	43.89 kDa
AA Sequence	MEMFQGLLLLLLLSMGGTWASKEPLRPRCRPINATLAVEKEGCPVCITVNTTICAGY CPTMTRVLQGVLPALPQVVCNYRDVRFESIRLPGCPRGVNPVVSYAVALSCQCALC RRSTDCGGPKDHPLTCDDPRFQDSSSSKAPPPSLSPSRLPGPSDTPILPQ
Applications	Enzyme-linked Immunoabsorbent Assay Western Blot (Recombinant protein) Antibody Production

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Protein Array

Storage	Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.
Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

GENE INFORMATION

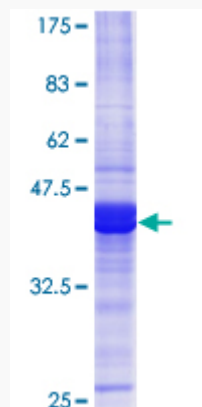
Gene Name	CGB5 chorionic gonadotropin, beta polypeptide 5 [Homo sapiens]
Official Symbol	CGB5
Synonyms	CGB5; chorionic gonadotropin, beta polypeptide 5; HCG; chorionic gonadotropin beta 5 subunit; MGC119822;
Gene ID	93659
mRNA Refseq	NM_033043
Protein Refseq	NP_149032
MIM	608825
UniProt ID	P01233

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**Quality Control
Testing**



12.5% SDS-PAGE Stained with Coomassie Blue.

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